

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

2. Authorization for the examiner's amendment was given in a telephone interview with Mr. Mark Spolyar, Reg. No. 42,164. The claims have been amended in accordance to the attached fax amendment submitted by applicant on February, 20 2008.

REASONS FOR ALLOWANCE

3. The following is an Examiner's Statement of Reasons for Allowance:

4. The prior art of record does not expressly teach or render obvious, in the context of the claims taken as a whole, the invention as recited in independent claims 1, 8, 10-11, 20 and 25-26.

5. Dynamically allocating bandwidth comprising the steps of recognizing a new user of network bandwidth based on one or more attributes of at least one packet in a data flow, dynamically allocating the network bandwidth based on one or more attributes of the data flow, creating a user partition on demand for the new user wherein the user partition is operable to allocate utilization of the network bandwidth, according to an attribute across all data flows corresponding to the new user was uncovered in U.S.

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Patent 6,154,776 (Martin), disposing of unneeded network resources was uncovered in U.S. Patent 6,952,735 (Aune), hierarchical relationship among representation of network resources (resource objects) was uncovered in U.S. Patent 6,546,415 (Park). The references taken alone or in combination does not expressly teach or render obvious, in the context of the claims taken as a whole as recited substantially in independent claims 1, 8, 10-11, 20 and 25-26.

6. Neither a reference uncovered that would have provided a basis of evidence for asserting a motivation, nor one of ordinary skilled in the art at the time the invention was made, knowing the teaching of Martin, Aune and Park would have combined them to arrived at the present invention as recited in the context of independent claims 1, 8, 10-11, 20 and 25-26 as a whole.

7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Qing-Yuan Wu whose telephone number is (571) 272-3776. The examiner can normally be reached on 8:30am-6:00pm Monday-Thursday and alternate Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

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supervisor, William Thomson can be reached on (571) 272-3718. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Thomson D. William/
Supervisory Patent Examiner, Art Unit 2194

/QING-YUAN WU/
Examiner, Art Unit 2194